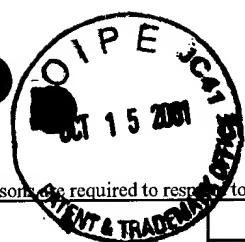


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

Complete if Known

Application Number	09/931,271
Filing Date	August 16, 2001
First Named Inventor	DICKINSON, T.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Attorney Docket Number A-68950-2/RMS/DCF/SRN

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
M	1	4,200,110	/	Peterson et al.	4/1980	
	2	4,499,052	/	Fulwyler	2/1985	
	3	4,682,895	/	Costello	7/1987	
	4	4,785,814	/	Kane	11/1988	
	5	4,822,746	/	Walt	4/1989	
	6	4,824,789	/	Yafuso et al.	4/1989	
	7	4,999,306	/	Yafuso et al.	3/1991	
	8	5,002,867	/	Macevicz	3/1991	
	9	5,028,545	/	Soini	7/1991	
	10	5,105,305	/	Betzig et al.	4/1992	
	11	5,114,864	/	Walt	5/1992	
	12	5,132,242	/	Cheung	7/1992	
	13	5,143,853	/	Walt	9/1992	
	14	5,194,300	/	Cheung	3/1993	
	15	5,244,636	/	Walt et al.	9/1993	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
M	16	EP	0 269 764	/		6/1988		
	17	EP	0 392 546	/		10/1990		
	18	EP	0 478 319	/		4/1992		
	19	EP	0 723 146	/		7/1996		
	20	WO	89/11101	/		11/1989		
	21	WO	93/02360	/		2/1993		
	22	WO	96/03212	/		2/1996		
	23	WO	97/14028	/		4/1997		
	24	WO	97/14928	/		4/1997		
	25	WO	97/40385	/		10/1997		
	26	WO	98/40726	/		9/1998		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/931,271
				Filing Date	August 16, 2001
				First Named Inventor	DICKINSON, T.
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	6	Attorney Docket Number	A-68950-2/RMS/DCF/SRN

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	28	5,250,264	/	Walt et al.	10/1993	
	29	5,252,494	/	Walt	10/1993	
	30	5,254,477	/	Walt	10/1993	
	31	5,298,741	/	Walt et al.	3/1994	
	32	5,302,509	/	Cheeseman	4/1994	
	33	5,320,814	/	Walt et al.	6/1994	
	34	5,357,590	/	Auracher	10/1994	
	35	5,380,489	/	Sutton et al.	1/1995	
	36	5,435,724	/	Goodman et al.	7/1995	
	37	5,474,895	/	Ishii et al.	12/1995	
	38	5,481,629	/	Tabuchi	1/1996	
	39	5,494,798	/	Gerdt et al.	2/1996	
	40	5,496,997	/	Pope	3/1996	
	41	5,512,490	/	Walt et al.	4/1996	
	42	5,516,635	/	Ekins et al.	5/1996	
W	43	5,565,324	/	Still et al.	10/1996	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
W	44	WO	98/50782	/	11/1998	
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	46	WO	98/53300	/	11/1998	
	47	WO	99/18434	/	4/1999	
	48	WO	99/60170	/	11/1999	
	49	WO	99/67414	/	12/1999	
	50	WO	99/67641	/	12/1999	
	51	WO	00/04372	/	1/2000	
W	52	WO	00/13004	/	3/2000	

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Attorney Docket Number	A-68950-2/RMS/DCF/SRN																
Sheet	3	of	6														

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
M	53	5,573,909	/	Singer et al.	11/1996	
	54	5,575,849	/	Honda et al.	11/1996	
	55	5,633,972	/	Walt et al.	5/1997	
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	60	5,840,256	/	Demers et al.	11/1998	
	61	5,854,684	/	Stabile et al.	12/1998	
	62	5,863,708	/	Zanzucchi et al.	1/1999	
	63	5,888,723	/	Sutton et al.	3/1999	
	64	5,900,481	/	Lough et al.	5/1999	
	65	6,023,540	/	Walt et al.	2/2000	
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W	67	5,856,083	/	Chelsky et al.	01/1999	
	68	5,858,732		Solomon et al.	01/1999	

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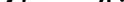
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/931,271
				Filing Date	August 16, 2001
				First Named Inventor	DICKINSON, T.
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	4	of	6	Attorney Docket Number	A-68950-2/RMS/DCF/SRN

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
✓	77	6,013,456	/	Akgavan-Tafti	01/2000	
	78	6,051,380	/	Sosnowski et al.	04/2000	
	79	6,110,678	/	Weisburg et al.	08/2000	
	80	6,172,218	B1	Brenner	01/2001	
	81	6,083,763	/	Balch	07/2000	
✓	82	5,494,810		Barany et al.	02/1996	
✓	83	5,830,711		Barany et al.	11/1998	
✓	84	6,027,889		Barany et al.	02/2000	
✓	85	6,054,564		Barany et al.	02/2000	
✓	86	6,251,639	B1	Kurn	06/2001	
✓	87	6,268,148	B1	Barany et al.	07/2001	
✓✓	88	6,129,896		Noonan et al.	10/2000	

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Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 6

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Application Number	09/931,271
Filing Date	August 16, 2001
First Named Inventor	DICKINSON, T.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Attorney Docket Number A-68950-2/RMS/DCF/SRN

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
M	94	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," <i>Anal. Chem.</i> 68:2905-2912 (1996).	
	95	Anonymous, "Microsphere Selection Guide," Bandg Laboratories, (Fisher, In) September 1998.	
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	97	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996.	
	98	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," <i>Nature</i> , 353:338-340 (September 1991).	
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	101	Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceeding os th April 10-13, 1990 Conference at Florida State University. Ed. C. Cantor and H. Lim.	
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	104	Drmanac, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," <i>International Journal of Genome Research</i> , 1(1):59-79 (1992).	
	105	Drmanac, R. et al., "Sequencing by Hybridization," <i>Automated DNA Sequencing and Analysis</i> , ed. M. Adams, C. Fields and J. Venter. (1994).	
	106	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," <i>Nature Biotechnology</i> , 14:1681-1684 (1996).	
	107	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," <i>Analyst</i> , 112:1159-1163 (1987).	
	108	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," <i>Anal. Chem.</i> 67(24):4471-4476 (1995).	
	109	Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," <i>SPIE Proc.</i> 2388:568-573 (1995).	
	110	Healey et al., "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," <i>Analytical Biochemistry</i> , 251:270-279 (1997).	
	111	Hirschfeld et al., "Laser-Fiber-Optic "Optrode" for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," <i>Journal of Lightwave Technology</i> , LT-5(7):1027-1033 (1987).	
M	112	Iannone et al., "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," <i>Cytometry</i> , 39:131-140 (2000).	

Examiner Signature	<i>M</i>	Date Considered	<i>Aug 02</i>
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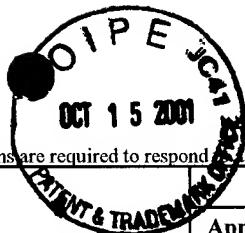
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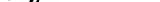
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Sheet 6 of 6 Attorney Docket Number A-68950-2/RMS/DCF/SRN

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Examiner Name	Not Yet Assigned
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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